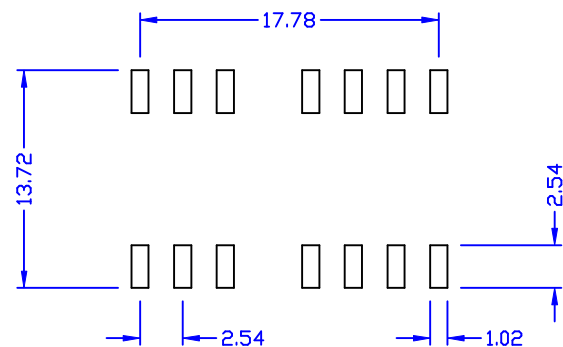
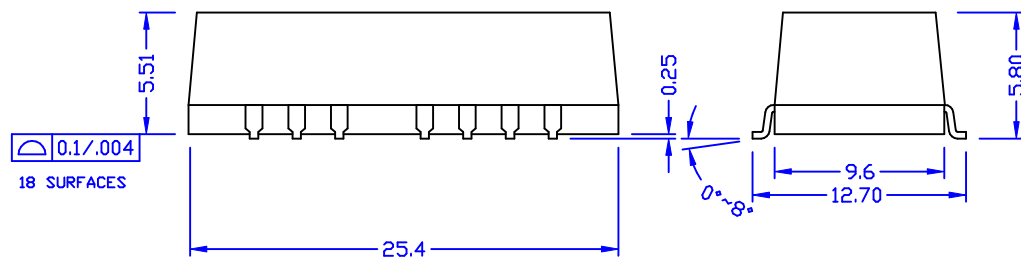
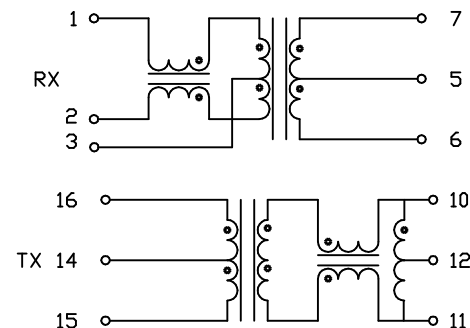
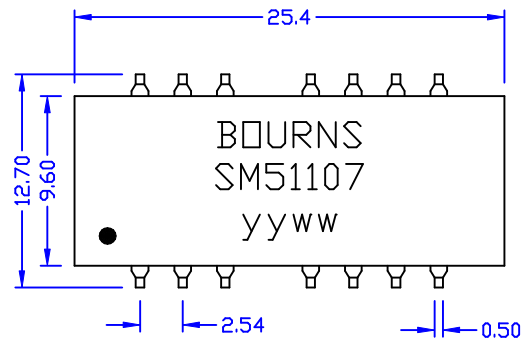




SUGGESTED PAD LAYOUT

## ELECTRICAL CHARACTERISTICS : @25°C

1. TURNS RATIO : TX = 1 : 1 RX = 1 : 1
2. OCL (WITH 8mA DC BIAS) : 350uH MIN.
3. INSERTION LOSS (0.1-100MHZ) : -1.0 dB TYP.
4. RETURN LOSS : (30MHZ) : -16dB MIN.  
(60MHZ) : 16-20dBLog(f/30MHZ) MIN.  
(80MHZ) : -10dB MIN.
5. CROSS TALK : (60MHZ) : -40dB TYP  
(100MHZ) : -38dB TYP
6. REEL PACKING

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$

|           |             |            |      |     |       |                                                                                 |                                    |                     |
|-----------|-------------|------------|------|-----|-------|---------------------------------------------------------------------------------|------------------------------------|---------------------|
|           |             |            |      |     |       | <b>Atech®</b><br>Atech Technology Co. Ltd.<br>TEL(02)2794-6667 FAX(02)2794-8004 | TITLE 10/100 BASE-T<br>TRANSFORMER |                     |
|           |             |            |      |     |       |                                                                                 | DWG. NO.<br>SM51107E               |                     |
|           | RELEASE     | 03/22/2004 | PAIR | AL  | SUEDY | UNITS:<br>M/M                                                                   | SAFETY                             | SHEET 1 OF 1        |
| NO.       | DESCRIPTION | DATE       | BY   | CHK | APPD  | DATE                                                                            |                                    | DRAW<br><i>Pair</i> |
| REVISIONS |             |            |      |     |       | 03/22/04                                                                        |                                    |                     |